Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 07 Oct 2023 until 23:59 on Sunday 08 Oct 2023

Forecast Issued on Friday 06 Oct 2023 at 12:10

Confidence: High for mainly cloudy with some rain through the period, but lowering for detail of timing of the brief spells of better weather that develop.

Headline for Saturday 07 Oct 2023: Mainly cloudy with some patchy rain. Strong summit winds easing for evening.

Mountain weather hazards on Saturday 07 Oct 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Cloudy	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability							
80%	40%	30%	20%	30%	20%	20%	20%

Forecast for Saturday 07 Oct 2023

Weather: A rather cloudy day with occasional patchy rain or drizzle, most of this expected during the morning and across western hill. Best chance of seeing any limited brighter spells for the afternoon.

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Good becoming moderate or poor in rain or drizzle, very poor within cloud with bases quite extensive from 500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 07 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 SW	24/33 SW	23/31 SW	24/34 SW	23/33 SW	24/34 W	15/22 W	6/10 NE	12/19 E
300	16/33 SW	17/33 SW	17/33 SW	19/35 SW	17/34 SW	17/35 W	7/18 W	3/9 W	9/19 E
Valley	15/32 SW	13/27 SW	13/26 SW	13/27 SW	12/26 W	10/22 W	5/14 SW	4/10 SW	6/13 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/8	11/8	12/8	12/8	12/9	12/9	11/10	8/5
300	13/11	13/10	13/10	13/10	14/11	14/12	14/13	13/13	10/8
Valley	14/12	14/12	14/12	14/12	16/14	16/14	15/15	14/14	13/12
Freezing Level*	3600m	3400m	3300m	3300m	3200m	3300m	3300m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy rainfall Friday will lead to heavy underfoot conditions with swollen rivers and streams initially.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 06 Oct 2023	40.4mm	48.8mm	58.2mm

Forecast for Sunday 08 Oct 2023

Weather: Still mainly cloudy with further patchy light rain, though a little drier than Saturday with increase chance of brighter spells developing for the afternoon.

Maximum wind: Southeast around 15 mph.

Chance of cloud-free hill tops above 600m: 25% becoming 75% later

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive from 500m at first, before lifting and potentially breaking later in the day

Temperature: **Valleys:** Plus 10 Celsius increasing 19 Celsius for the afternoon
At 600m: Plus 9 Celsius increasing 13 Celsius for the afternoon
Freezing level: Above all summits

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